

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 38

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information				Parameter	Medium	Remarks
				Basis							
38	8314	5	Y	AMERICAN RIVER	QX86IU	0	17N	13E	12	Temperature	Water
				23 excursions beyond the criterion sampled by Wenatchee National Forest station at the USGS gage (RM 0.5) between 1992 and 1994 (submitted by Bella							This waterbody was listed for temperature in 1998 and is
				Patheal of EPA on 12/1/95) .							of a temperature TMDL study for the Naches River Watershed.
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2001 at station 'American River at USGS Station' (River Mile 5).							
38	8315	5	Y	BEAR CREEK	JJ42VM	1.343	19N	13E	32	Temperature	Water
				23 excursions beyond the criterion sampled by Wenatchee National Forest at Road 1900 in 1992 (submitted by Bella Patheal of EPA on 12/1/95) .							This waterbody was listed for temperature in 1998 and is
											of a temperature TMDL study for the Naches River Watershed.
38	8316	5	Y	BLOWOUT CREEK	OL73EW	0.837	19N	12E	35	Temperature	Water
				Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 9 excursions beyond the criterion in 1994.							This waterbody was listed for temperature in 1998 and is
											of a temperature TMDL study for the Naches River Watershed.
38	39332	5	Y	BUMPING RIVER	XR40PP	5.225	17N	13E	12	Temperature	Water
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000, 2001 and 2002 at station 'Bumping River at Cedar Spring CG' (River Mile 4.5).							
38	17214	5	N	COWICHE CREEK	AR69RI	0.325	13N	18E	09	4,4'-DDE	Tissue
				Davis et al. 1998. show the National Toxic Rule criterion was exceeded a composite of 5 fillets of Oncorhynchus mykiss collected on 9/25/1995 at station COWCAPR (COWICHE CREEK NORTHWEST OF YAKIMA).							
				Davis et al. 1998. show no excursions beyond the National Toxic Rule criterion in a composite of 5 fillets of Oncorhynchus mykiss collected on 9/25/1995.							
				Davis et al. 1998. show no excursions beyond the National Toxic Rule criterion in a composite of 5 fillets of Oncorhynchus mykiss collected on 9/25/1995 at station COWCAPR (COWICHE CREEK NORTHWEST OF YAKIMA).							

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38	8319	5	Y	COWICHE CREEK Hallock (2004), Dept. of Ecology ambient station 38G120 shows a geometric mean of 209.8 exceeded the criterion in year 2002; and 4 of 9 samples (44.4%) in year 2002 exceeded the percentile criterion. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 38G120 (COWICHE CR @ ZIMMERMAN RD) shows a geometric mean of 81 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 2000. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 38G120 (COWICHE CR @ ZIMMERMAN RD) shows a geometric mean of 119 exceeds the criterion and that 44% of the samples exceeds the percentile criterion from 9 samples collected during 2001. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show samples collected exceed the percental criteria at station CAN in 1995.	AR69RI	8.631	13N	17E	11	Fecal Coliform		Water
38	8320	5	Y	COWICHE CREEK Hallock (2001) Dept. of Ecology Ambient Monitoring Station 38G120 (COWICHE CR @ ZIMMERMAN RD) shows 3 excursions beyond the criterion out of 12 samples collected in 2001. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 38G120 (COWICHE CR @ ZIMMERMAN RD) shows 0 excursions beyond the criterion out of 6 samples collected between 1993 - 2001. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 11 excursions beyond the criterion in 1995.	AR69RI	8.631	13N	17E	11	Temperature	This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	Water
38	8322	5	Y	COWICHE CREEK, N.F. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show samples collected exceed the geometric mean criteria in 1995.	TY98TL	8.311	14N	17E	18	Fecal Coliform		Water
38	8323	5	Y	COWICHE CREEK, N.F. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show sample collected exceed both criteria near the N.F. mouth in 1995.	TY98TL	0	13N	17E	03	Fecal Coliform		Water
38	8321	5	Y	COWICHE CREEK, N.F. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 26 excursions beyond the criterion in 1995.	TY98TL	8.311	14N	17E	18	Temperature	This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	Water
38	8324	5	Y	COWICHE CREEK, N.F. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 20 excursions beyond the criterion in 1995.	TY98TL	0	13N	17E	03	Temperature	This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	Water
38	8326	5	Y	COWICHE CREEK, S.F. Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show sample collected exceed the geometric mean criterion in 1995.	VD04IL	8.54	14N	16E	35	Fecal Coliform		Water

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38	8327	5	Y	COWICHE CREEK, S.F.	VD04IL	0	13N	17E	03	Fecal Coliform	Water	
				Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show samples collected exceed both criteria near the S.F. mouth in 1995.								
38	8318	5	Y	COWICHE CREEK, S.F.	VD04IL	23.519	13N	15E	22	Temperature	Water	
				Matthews, 1992. , shows 7-day means of daily maximums of 17.9 at station CW1 during 1990 and 1991.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
38	8325	5	Y	COWICHE CREEK, S.F.	VD04IL	0	13N	17E	03	Temperature	Water	
				Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 21 excursions beyond the criterion in 1995.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
38	8328	5	Y	COWICHE CREEK, S.F.	VD04IL	8.54	14N	16E	35	Temperature	Water	
				Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 20 excursions beyond the criterion in1995.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
38	8329	5	Y	CROW CREEK	TL45HC	0	18N	14E	30	Temperature	Water	
				42 excursions beyond the criterion sampled by Wenatchee National Forest above the campground in 1991 and 1992 (submitted by Bella Patheal of EPA on 12/1/95). Scholz, 1999, shows a 7-day mean of maximum daily temperature of 17.6 degrees C, with a maximum daily temperature of 18.4 degrees C from continuous measurements collected in 1998 at Crow Creek near mouth.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
38	8330	5	Y	GOLD CREEK	CR82VL	0.224	17N	14E	36	Temperature	Water	
				Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
38	8331	5	Y	LITTLE NACHES RIVER	JR85ZB	0	17N	14E	04	Temperature	Water	
				Scholz, 1999, shows a 7-day mean of maximum daily temperature of 26.7 degrees C, with a maximum daily temperature of 32.7 degrees C from continuous measurements collected in 1998 at Little Naches River at 410 bridge. Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2001 and 2002 at station 'Little Naches river at Hwy 410' (River Mile 0). Numerous excursions beyond the criterion sampled by Wenatchee National Forest at the station on Hwy 410 between 1991 and 1994 (submitted by Bella Patheal of EPA on 12/1/95).								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.

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part	38	8332	5	Y	LITTLE NACHES RIVER	JR85ZB	19.691	19N	13E	31	Temperature	Water	
					Numerous excursions beyond the criterion sampled by Wenatchee National Forest at the station just downstream of the confluence of the Middle and North Forks between 1991 and 1994 (submitted by Bella Patheal of EPA on 12/1/95) .								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.
	38	8333	5	Y	LITTLE NACHES RIVER	JR85ZB	2.559	18N	14E	32	Temperature	Water	
					Sullivan, et al. 1990 , 16 excursions beyond the criterion during 8/88.;								Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.
	38	40755	5	N	LITTLE NACHES RIVER	JR85ZB	16.936	18N	13E	05	Temperature	Water	
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 24.7 degrees C, with a maximum daily temperature of 29 degrees C from continuous measurements collected in 1998 at Little Naches River above Bear Creek.								WRIA changed from 99 to 38. 12/01/04 -kk
	38	40757	5	N	LITTLE NACHES RIVER	JR85ZB	14.577	18N	13E	09	Temperature	Water	
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 23.2 degrees C, with a maximum daily temperature of 27.8 degrees C from continuous measurements collected in 1998 at Little Naches River above SF Little Naches.								WRIA changed from 99 to 38. 12/01/04 -kk
	38	40762	5	N	LITTLE NACHES RIVER	JR85ZB	4.749	18N	14E	30	Temperature	Water	
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 20.3 degrees C, with a maximum daily temperature of 20.9 degrees C from continuous measurements collected in 1998 at Little Naches River above Quartz Creek.								WRIA changed from 99 to 38. 12/01/04 -kk
	38	40763	5	N	LITTLE NACHES RIVER	JR85ZB	10.072	18N	13E	14	Temperature	Water	
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 19.9 degrees C, with a maximum daily temperature of 20.8 degrees C from continuous measurements collected in 1998 at Little Naches River above Pileup and Sand Creek.								WRIA changed from 99 to 38. 12/01/04 -kk
	38	40770	5	N	LITTLE NACHES RIVER, N.F.	VR66RV	0	19N	12E	36	Temperature	Water	
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 17.5 degrees C, with a maximum daily temperature of 18.6 degrees C from continuous measurements collected in 1998 at North Fork Little Naches River.								WRIA changed from 99 to 46. 12/01/04 -kk WRIA changed from 46 to 38. 05/10/05 -kk
part	38	8334	5	Y	LITTLE RATTLESNAKE CREEK	FD68UD	1.556	15N	15E	01	Temperature	Water	
					Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.								This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.

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part	38	8335	5	Y	MATHEW CREEK	LW85BJ	0.213	18N	13E	10	Temperature	Water
					Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 27 excursions beyond the criterion (at stations MATH1 and MATH10) between 1993 and 1995.						This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	
	38	40775	5	N	MATHEW CREEK	LW85BJ	0	18N	13E	09	Temperature	Water
					Scholz, 1999, shows a 7-day mean of maximum daily temperature of 16.8 degrees C, with a maximum daily temperature of 18 degrees C from continuous measurements collected in 1998 at Mathew Creek.						WRIA changed from 99 to 38. 12/03/04 -kk	
	38	8913	5	Y	MYRON LAKE	130UZL	13N	18E	10		Ammonia-N	Water
					Pelletier, et al. 1990. shows 6 excursions beyond the criterion near the bottom from samples collected during 1988							
	38	6735	5	Y	NACHES RIVER	NK19LR	0	13N	18E	12	pH	Water
					Hallock (2004), Dept. of Ecology ambient station 38A050 shows that 1 of 9 samples exceed the criterion.						High pH	
					Hallock (2001) Dept. of Ecology Ambient Monitoring Station 38A050 (NACHES RIVER AT YAKIMA ON US HWY 97) shows 2 excursions beyond the criterion out of 5 samples collected between 1993 - 2001.							
					U.S.Geological Survey data from NWIS database station 12499000 (near North Yakima) shows 14 excursions beyond the criterion out of 57 samples collected between 7/1/87 and 7/1/91.							
	38	8338	5	Y	NILE CREEK, N.F.	IN37QB	4.926	16N	15E	03	Temperature	Water
part					Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.						This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	
part	38	8339	5	Y	RATTLESNAKE CREEK	MB08QY	11.838	15N	14E	10	Temperature	Water
					2 excursions beyond the criterion at USGS station 12489100 (above North Fork near Nile) between7/1/87 and 7/1/91						This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	
					Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000 and 2002 at station 'Rattlesnake Creek at FS Road 1502' (River Mile 5).							
part	38	8340	5	Y	RATTLESNAKE CREEK	MB08QY	2.269	15N	15E	09	Temperature	Water
					Numerous excursions beyond the criterion sampled by Wenatchee National Forest station (submitted by Bella Patheal of EPA on 12/1/95) at the National Forest Boundary between1991 and 1992.						This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.	

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
38	8341	5	Y	REYNOLDS CREEK	BI05EL	3.755	13N	15E	15	Temperature		Water
				Yakama Indian Nation data (submitted by Carroll Palmer on 2/28/96) show 6 excursions beyond the criterion at two nearby locations (both at T13N-R15E-S15) in part					This waterbody was listed for temperature in 1998 and is of a temperature TMDL study for the Naches River Watershed.			
38	39334	5	Y	TIETON RIVER, S.F.	NV27KW	3.804	13N	13E	13	Temperature		Water
				Okanogan and Wenatchee National Forest unpublished data (submitted by Sonny O'Neal on 17 January 2003) show excursions beyond the criterion from measurements collected in 2000, 2001 and 2002 at station 'Upper Tieton River at FS Road 1010' (River Mile 1.5).								